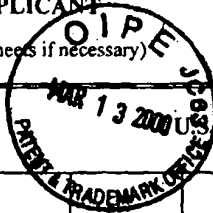


Form PTO-1449 (Rev. )	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 13735 US (38435/109700 CON)	SERIAL NO. 09/470,667
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)		APPLICANT Akira ASAKURA, et al.	
		FILING DATE December 22, 1999	GROUP ART UNIT 1633



## PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
dar	A1	3,234,105	2/1966	Motizuki, et al.			
dar	A2	3,912,592	10/1975	Makover, et al.			
dar	A3	4,960,695	10/1990	Hoshino, et al.			
dar	A4	5,437,989	8/1995	Asakura, et al.			
dar	A5	5,352,599	10/1994	Fujisawa, et al.			
dar	A6	5,541,108	10/1975	Fujisawa, et al.			

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
dar	B1	JP 51-40154	11/1976	Japan				
dar	B2	EP 0 221 707	5/1987	Europe				
dar	B3	EP 0 278 447	8/1988	Europe				
dar	B4	EP 0 606 621	7/1994	Europe				
dar	B5	EP 0 366 922	5/1990	Europe				
dar	B6	EP 0 645 453	3/1995	Europe				
dar	B7	EP 0 448 969 A2	10/1991	Europe				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

dar	C1	Zizheng, et al., "Studies on Production of Vitamin C Precursor 2-Keto-L-Gulonic Acid from L-Sorbose by Fermentation," <u>Acta Microbiologica Sinica</u> , 21(2), 185-191 (1981).
	C2	English language Abstract of JP 51-40154 (document B1).
dar	C3	Rudinger, "Characteristics of the amino acids as components of a peptide hormone sequence," In <u>Peptide Hormones</u> , Ed. J.A. Parsons, University Park Press, Baltimore, MD, pp. 1-7 (1976).
	C4	Ngo, et al., "Computational complexity, protein structure prediction, and the Levinthal paradox," In: <u>The Protein Folding Problem and Tertiary Structure Prediction</u> , Eds. Merz, et al., Boston, MA, pp. 491-495 (1994).
dar	C5	Thornton, et al., "Protein Engineering: Editorial Overview," <u>Current Opinion In Biotechnology</u> , 6(4): 367-369 (1995).
dar	C6	Wallace, "Understanding cytochrome c function: engineering protein structure by semisynthesis," <u>The FASEB Journal</u> , 7: 505-515 (1993).

EXAMINER infanta dar	DATE CONSIDERED 8/27/07
Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Form PTO-1449  
(Rev. )

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
13735 US (38435/109700 CON)

SERIAL NO.  
09/470,667

INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

APPLICANT  
Akira ASAKURA, et al.

FILING DATE  
December 22, 1999

GROUP ART UNIT  
1633

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

C7	Maniatis, et al., Chapter 12: "Vectors that express cloned DNA in <i>Escherichia coli</i> ," In <u>Molecular Cloning: A Laboratory Manual</u> , Cold Spring Harbour Laboratory Press, pp. 404-433 (1982).
C8	Matsudira, "Limited N-terminal sequence analysis," <u>Methods in Enzymology</u> , Vol. 182, pp. 602-613 (1991).
C9	Wozney, "Using purified protein to clone its gene," <u>Methods in Enzymology</u> , 182: 738-751 (1991).
C10	Stoorvoge, et al., "Characterization of the gene encoding quinoxaloprotein ethanol dehydrogenase of <i>Comamonas testosteroni</i> ," <u>Eur. J. Biochem.</u> , 235: 690-698 (1996).
C11	"Alcohol dehydrogenase complex structural gene-used in plasmid and enhancing efficiency of acetic acid fermentation for transformed acetic acid bacteria," <u>GENESEQ DATABASE</u> , Accession No. R20192 (1992).
C12	Tamaki, et al., "Cloning and sequencing of the gene cluster encoding two subunits of membrane-bound alcohol dehydrogenase from <i>Acetobacter polyoxogenus</i> ," <u>Biochim. Biophys. Acta</u> , 1088: 292-300 (1991).
C13	Kondo, K. and Horinouchi, S., "Characterization of the Genes Encoding the Three-Component Membrane-Bound Alcohol Dehydrogenase from <i>Gluconobacter suboxydans</i> and Their Expression in <i>Acetobacter pasteurianus</i> ," <u>Applied and Environmental Microbiology</u> , 63(3): 1131-1138 (1997).
C14	Reid, M.F. and Fewson, C., "Molecular Characterization of Microbial Alcohol Dehydrogenases," <u>Crit. Rev. Microbiol.</u> , 20(1): 13-56 (1994).

EXAMINER

*M. S. Lee*

DATE CONSIDERED

8/27/01

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.